

INTERNATIONAL SEARCH REPORT

International application No

PCT/JP2007/071169

A. CLASSIFICATION OF SUBJECT MATTER
 INV. C07K14/47 A61K38/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 C07K A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2006/001499 A (TAKEDA PHARMACEUTICAL [JP]; KITADA CHIEKO [JP]; ASAMI TAIJI [JP]; NISH) 5 January 2006 (2006-01-05) cited in the application	1-45
Y	the whole document	1-45
X	EP 1 577 323 A (TAKEDA PHARMACEUTICAL [JP]) 21 September 2005 (2005-09-21) cited in the application	1-45
Y	the whole document	1-45
X	WO 2004/060264 A (TAKEDA CHEMICAL INDUSTRIES LTD [JP] TAKEDA PHARMACEUTICAL [JP]) 22 July 2004 (2004-07-22)	1-45
Y	the whole document	1-45
	----- -/--	

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

4 February 2008

Date of mailing of the international search report

03/03/2008

Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

CERVIGNI, S

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 2007/072997 A (TAKEDA PHARMACEUTICAL [JP]; ASAMI TAIJI [JP]; NISHIZAWA NAOKI [JP]) 28 June 2007 (2007-06-28) cited in the application the whole document	1-45
Y	----- VENKATESAN N ET AL: "SYNTHESIS AND ENZYME INHIBITORY ACTIVITIES OF NOVEL PEPTIDE ISOSTERES" CURRENT MEDICINAL CHEMISTRY, BENTHAM SCIENCE PUBLISHERS BV, BE, vol. 9, no. 24, December 2002 (2002-12), pages 2243-2270, XP009061546 ISSN: 0929-8673 the whole document	1-45
A	----- TOMITA ET AL: "Structure-activity relationship study on small peptidic GPR54 agonists" BIOORGANIC & MEDICINAL CHEMISTRY, ELSEVIER SCIENCE LTD, GB, [Online] vol. 14, no. 22, 1 August 2006 (2006-08-01), pages 7595-7603, XP005684918 ISSN: 0968-0896	
A	----- NIIDA ET AL: "Design and synthesis of downsized metastin (45-54) analogs with maintenance of high GPR54 agonistic activity" BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, OXFORD, GB, vol. 16, no. 1, 1 January 2006 (2006-01-01), pages 134-137, XP005168877 ISSN: 0960-894X -----	